TABLE OF CONTENTS

	PAGE
Flora of Panama. Part III. Fascicle 2 (Orchidaceae) ..... Robert E. Woodson, Jr., Robert W. Schery, and Collaborators	1–140
Contributions to Our Knowledge of American Carboniferous Floras. VIII. Another Medullosa from Iowa ..... Henry N. Andrews and Jules A. Kernen	141–146
Maize in Mexico—A Preliminary Survey ..... Edgar Anderson	147–247
A Cytological Study of Yeast *(Saccharomyces cerevisiae)* ..... Lillian Nagel	249–288
Contributions to Our Knowledge of American Carboniferous Floras. IX. Some Petrified Seeds from Iowa ..... Ellen M. Kern and Henry N. Andrews	291–306
The Gallatin Fossil Forest ..... Henry N. Andrews and Lee W. Lenz	309–313
Flora of Panama. Part III. Fascicle 3 (Orchidaceae, second part) ..... Robert E. Woodson, Jr., Robert W. Schery, and Collaborators	315–404
General Index to Volume XXXIII	405–408

STAFF
OF THE MISSOURI BOTANICAL GARDEN

Director
GEORGE T. MOORE

Assistant to the Director
HENRY N. ANDREWS

HERMANN VON SCHRENK,
Pathologist

JESSE M. GREENMAN,
Curator of the Herbarium

CARROLL W. DODGE,
Mycologist

EDGAR ANDERSON,
Geneticist

ROBERT E. WOODSON, JR.
Assistant Curator of the Herbarium

HENRY N. ANDREWS,
Paleobotanist

ROBERT W. SCHERY,
Research Assistant

NELL C. HORNER,
Librarian and Editor of Publications

BOARD OF TRUSTEES
OF THE MISSOURI BOTANICAL GARDEN

President
GEORGE C. HITCHCOCK

Vice-President
DANIEL K. CATLIN

Second Vice-President
EUGENE PETTUS

L. RAY CARTER
DUDLEY FRENCH
JOHN S. LEHMANN
RICHARD J. LOCKWOOD
GEORGE T. MOORE
A. WESSEL SHAPLEIGH
ETHAN A. H. SHEPLEY

EX-OFFICIO MEMBERS

ARTHUR H. COMPTON,
Chancellor of Washington University

A. P. KAUFFMANN,
Mayor of the City of St. Louis

STRATFORD L. MORTON,
President of the Academy of Science of St. Louis

WILLIAM SCARLETT,
Bishop of the Diocese of Missouri

ELMORE M. PUTNEY
President of the Board of Education of St. Louis

GERALD ULRICI, *Secretary*